

PTO/SB/97 (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

### Certificate of Transmission under 37 CFR 1.8

RECEIVED  
CENTRAL FAX CENTER

AUG 04 2006

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office

on August 4, 2006.

Date

*Lori Klewin*

Signature

Lori Klewin

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this  
certificate must identify each submitted paper.

Serial No.: 10/084,773

Docket No.: PU020045

Art Unit: 2623

Examiner: Justin E. Shepard

Amendment and Response (7 pgs)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Ser. No.10/084,773  
Amndt. dated August 4, 2006  
Reply to Office action of May 4, 2006

PU020045

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED  
CENTRAL FAX CENTER**

**AUG 04 2006**

**Patent Application**

**Inventor(s)** : KNUTSON, Paul Gothard et al.  
**Serial No.** : 10/084,773  
**Filed** : 02/26/2002  
**Title** : SATELLITE TELEVISION SYSTEM GROUND STATION  
HAVING WIDEBAND MULTI-CHANNEL LNB  
CONVERTER/TRANSMITTER ARCHITECTURE WITH  
CONTROLLED UPLINK TRANSMISSION  
**Examiner** : SHEPARD, Justin E  
**Art Unit** : 2623

**AMENDMENT AND RESPONSE**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

**Sir:**

In response to the Office Action dated May 4, 2006, please amend the above-identified application and enter remarks as follows:

**Listing and Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on:

8-4-06  
Date

Lori Klewin  
Lori Klewin